

**REMARKS**

The substitute sequence listing differs from the originally filed sequence listing in that it has one new sequence SEQ ID NO:72. SEQ ID NO:72 is the amino acid sequence encoded by a portion (nucleotides 52275-71465) of the gene of SEQ ID NO:1, thus no new matter has been added. SEQ ID NO:72 was added to the sequence listing of the parent U.S.S.N. 09/410,551, filed October 1, 1999, per Examiner' Kerr's request. This request is reflected in the Office Action of the parent, mailed April 27, 2001.

The undersigned hereby states that the compact disc copy of the substitute Sequence Listing and the computer readable form copy of the substitute Sequence Listing, submitted in accordance with 37 C.F.R. § 1.825(a) and (b), respectively, are the same and contain no new matter as required by 37 C.F.R. § 1.821(e), 1.821(f), 1.821(g), or 1.825(d). Accordingly, entry of the substitute Sequence Listing into the above-captioned case is respectfully requested.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 300622002611. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

  
Brenda J. Wallach

Brenda J. Wallach, Ph.D.  
Registration No. 45,193

Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-7961  
Facsimile: (858) 720-5125